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	Attorney Docket No.		1021.39339VX1		
UTILITY PATENT APPLICATION	First Inventor		FUTAMOTO, MASAAKI		
TRANSMITTAL			PERPENDICULAR MAGNETIC RECORDING MEDIA, MAGNETIC RECORDING APPARATUS		
(Only for new nonprovisional applications under 37 CFR 1.53(b))		ail Label No.			
APPLICATION ELEMENTS SEE MPEP chapter 600 concerning utility patent application contents.		ADDRESS	ADDRESS TO:  Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450		
Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)		7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission fif applicable, all necessary)			
2. Applicant claims small entity status. See 37 CFR 1.27.		fif applicable, all necessary)  a. Computer Readable Form (CRF)  b. Specification Sequence Listing on:			
3. Specification [Total Pages: 23]		b. Specification Sequence Listing on.  i			
<ul> <li>-Descriptive title of the invention</li> <li>-Cross Reference to Related Applications</li> </ul>		ii 🗆 paper			
-Statement Regarding Fed sponsored R & D -Reference to sequence listing, a table, or a computer program listing appendix -Background of the Invention -Brief Summary of the Invention -Brief Description of the Drawings (if filed) -Detailed Description -Claim(s) -Abstract of the Disclosure		c. Statements verifying identity of above copies			
		ACCOMPANYING APPLICATION PARTS			
		Assignment Papers (cover sheet & documents(s))			
		10. 37 CFR 3.73(b) Statement Power of Attorney (when there is an assignee)			
4. Drawing(s) (35 U.S.C. 113) [Total Pages: 5]		11. English Translation Document (if applicable)			
5. Oath or Declaration [Total Pages: 4]	12. Information Disclosure Copies of IDS Citations Statement (IDS)/PTO-1449				
a Newly executed (original or copy)		13. Preliminary Amendment			
b Copy from a prior application (37 CFR 1.63 (d))  (for continuation/divisional with Box 18 completed)		14. Return Receipt Postcard (MPEP 503)  (Should be specifically itemized)			
i. DELETION OF INVENTOR(S)			15. Certified Copy of Priority Document(s) (if foreign priority is claimed)		
Signed statement attached deleting inventor(s) Named in the prior application, see 37 CFR			16 Nonpublication Request under 35 U.S.C. 122		
1.63(d)(2) and 1.33(b)					
6. Application Data Sheet. See 37 CFR 1.76  17. Other: Letter Claiming Right of Priority & Cred				right of Priority & Credit	
Card Payment Form					
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:					
Continuation Data Sheet under 37 CFN 77.5.					
Ad Unit:					
Prior application information: Examiner:					
19. CORRESPONDENCE ADDRESS					
Customer Number 020457 OR Correspondence address below					
Name ANTONELLI, TERRY, STOUT & KRAUS, LLP					
Address	State	T	Zip		
City		(700) 040 000	Code nn Fax	(703) 312-6666	
Country	Telephone	(703) 312-660 Registration No	o. (Attorney/Agent)	29,621	
Name Carl I. Brupdidge		1	Date	September 22, 2003	

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Approved for use through 04/30/2003. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. C mplete if Kn wn FEE TRANSMITTAL N t yet assigned Application Number September 22, 2003 Filing Date for FY 2003 **FUTAMOTO, MASAAKI** First Named Inventor **Examiner Name** Effective 01/01/2003. Patent fees are subject to annual revision. Art Unit Applicant claims small entity status. See 37 CFR 1.27 1021.39339VX1 Attorney Docket No. TOTAL AMOUNT OF PAYMENT (\$) 750 FEE CALCULATION (continued) METHOD OF PAYMENT (check all that apply) 3. ADDITIONAL FEES ☐ Check ☑ Credit Card ☐ Money Order ☐ Other ☐ None Small Large Entity □ Deposit Account: Entity Fee Fee Fee Fee Fee Paid Fee Description Code (\$) Code (\$) Deposit Account Number 01-2135 Deposit Account Name Antonelli, Terry, Stout & Kraus, LLP 130 2051 65 Surcharge - late filing fee or oath 1051 The Commissioner authorized to: (check all that apply) Surcharge - late provisional filing fee or 1052 50 2052 25 □ Charge fees indicated below □ Credit any overpayments cover sheet Charge any additional fee(s) during the pendency of this 1053 130 1053 130 Non-English specification 2,520 For filing a request for ex parte reexamination 1812 2,520 1812 Charge fees indicated below, except for the filing fee to the above-identified deposit account. Requesting publication of SIR prior to 920\* 1804 1804 Examination action **FEE CALCULATION** 1,840\*Requesting publication of SIR after 1,840\* 1805 1805 1. BASIC FILING FEE Examiner action **Entity Small Entity** Large 1251 110 2251 55 Extension for reply within first month Fee Description Fee Fee Fee Fee Fee Paid Extension for reply within second month 1252 410 2252 205 Code (\$) 750 Extension for reply within third month 750 2001 375 Utility filing fee 1253 930 2253 465 1001 Extension for reply within fourth month 1002 330 2002 165 Design filing fee 1254 1.450 2254 725 Extension for reply within fifth month 520 2003 260 Plant filing fee 1255 2255 985 1003 1.970 2004 375 Reissue filing fee 1401 2401 Notice of Appeal 1004 750 320 160 Provisional filing fee Filing a brief in support of an appeal 1005 160 2005 80 1402 320 2402 160 Request for oral hearing 280 2403 1403 140 750 SUBTOTAL (1) 1451 1.510 1451 1,510 Petition to institute a public use proceeding 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE 1452 110 2452 55 Petition to revive - unavoidable Fee from Petition to revive - unintentional 2453 650 1453 1,300 below Fee Paid **Extra Claims** 2501 650 Utility issue fee (or reissue) 1501 1,300 -20\*\* = Total Claims 6 x 18 2502 235 Design issue fee 1502 470 -3\*\* = x 84 Indep. 1503 630 2503 315 Plant issue fee Claims Petitions to the Commissioner 130 Multiple Dependent 1406 130 1460 Processing fee under 37 CFR 1.17(q) 1807 50 1807 Entity Small Submission of Information Disclosure Stmt Large 1806 180 1806 180 Fee Description Recording each patent assignment per 8021 8021 40 40 Code Code (\$) (\$) property (times number of properties) 1202 2202 Claims in excess of 20 18 Filing a submission after final rejection 1809 750 2809 375 42 Independent claims in excess of 3 (37 CFR § 1.129(a)) 2201 1201 84 For each additional invention to be 2810 375 1810 750 Multiple dependent claim, if not paid 1203 280 2203 140 examined (37 CFR § 1.129(b)) Request for Continued Examination (RCE) \*\* Reissue independent claims 1801 750 2801 375 1204 84 2204 42 over original patent 1802 900 Request for expedited examination 1802 900 of a design application \*\* Reissue claims in excess of 20 1205 18 2205 and over original patent Other fee (specify)\_

\*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) Complete (if applicable) SUBMITTED BY Registration No 703 312-6600 Telephone 29,621 Carl I. Brundidge (Attomey/Agent) Name (Print/Type) Signature

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SUBTOTAL (2) \$

or number previously paid, if greater; For Reissues, see above.